



## **Maplicity™ FAQ's<sup>1</sup>**

### **What is Maplicity™?**

**Maplicity™** is an easy-to-use, powerful, and lightweight applet which provides a full-featured GIS interface for ESRI's ArcIMS Image Service and ArcMap Services. **Maplicity** includes **Maplicity MapImager™**, the image analysis extension that adds Web browser-based interactive image analysis and visualization to ArcIMS Internet GIS deployments. **Maplicity** also includes **OpenApplet™**, which provides a simplified Web browser-based interface for the GIS beginner user, while still incorporating much of the advanced functionality found in **Maplicity**, such as interactive image visualization tools, graphic/text annotation, printing custom maps, and others.

### **Why should I deploy Maplicity?**

**Maplicity** is a lightweight Java™ applet designed specifically to work with ArcIMS Image Services. It provides a feature rich geospatial experience in a familiar user interface over the Internet, and is compatible with all industry standard Web browsers and operating systems (IE, Netscape, AOL w/ Java plug-in on Windows, Linux, Unix, and Mac OS-X). **Maplicity** provides a very cost-effective and affordable Web browser-based approach to deploying desktop GIS-like capabilities, including image analysis, to your organization and/or customers. **Maplicity** also includes scalable deployment options (**OpenApplet™** and **MaplicityHTML™**) depending on the user's level of GIS experience and Internet connectivity (bandwidth).

### **Can I configurable Maplicity? Can I customize Maplicity? Can I extend Maplicity to add new features and/or functionality?**

**Maplicity** is designed to be easy for the customer to configure. There is a simple properties text file than can be edited to change the default busy image/logo, copyright notice, north arrow, scale bar, etc. The configuration file also supports metadata pointers, specification of custom help file location, hotlinks, and adding a GUI component for loading map services. For complete customization, **MaplicitySDK™** is also available. **MaplicitySDK** is the complete set of Java libraries for creating powerful Internet GIS and image processing applets and applications for ArcIMS. **MaplicitySDK** is designed so developers can easily build and deploy custom Internet GIS solutions with any subset (or all) of the **Maplicity** functionality. **MaplicitySDK** includes over 100 Java classes, Javadoc, Users' Guide, and source code for the **Maplicity** applets. Telemorphic, Inc. can also be contracted to develop custom functionality and applications built on **Maplicity**.

### **How big a download is Maplicity?**

The applet is a download of approximately 335kb, and includes **Maplicity**, **OpenApplet**, and **Maplicity MapImager** extension.

### **What browsers are supported? Is a big download from Sun still required? What are the system requirements?**

Because **Maplicity** is written entirely in Java™ from Sun Microsystems, Inc., it is compatible with any Web browser that supports the Java plug-in. This includes Internet Explorer, Netscape Communicator, and AOL Web browsers on Windows, Linux, Unix, and Mac OS-X. Sun's Java 1.3 Runtime Environment plug-in is required, which is a one-time download of a approximately 5.5 Mb. Users of ESRI's ArcExplorer typically will already have downloaded and installed this common Java browser plug-in.

### **How is Maplicity licensed?**

**Maplicity** is licensed to the Web server, a single license for each Web server. Unlimited applet downloads (users) are allowed. Licensing for Application Service Provider's (ASPs) is also available. For additional information about ASP licensing, contact Telemorphic at [info@telemorphic.com](mailto:info@telemorphic.com).

### **What is the Maplicity pricing structure?**

Current pricing for **Maplicity** is only \$2,450 per Web server license. **Maplicity** upgrade support, which includes interim software patches and product upgrades, is an additional \$500/year for each Web server license. Technical support consulting is available on an hourly rate basis.

### **How do I protect my investment?**

The **Maplicity** applet has security authentication code, which ensures that the applet only works with licensed Web servers.



### **What specific functionality is available in *Maplicity* products?**

**RS/GIS INTEGRATION - IMAGE PROCESSING AND VISUALIZATION TOOLS:** Interactive Image Overlay/swipe, Blend/fade/merge, Morph, Change RGB bands, Identify RGB values, Image enhancements (contrast, histogram, standard deviation, min-max stretches), Save and download custom images with georeferencing info (world file)

**COMPLETE GIS NAVIGATION TOOLS:** Zoom in/out, Pan, Restore previous extent (back), Scrolling Lat/Lon and map coordinates, Functionally-sized index map, Zoom to: Full extent or active theme, Address, Place, Map coordinates, Lat/Lon, Selected set, User defined scale, and Graphic

**ROBUST GIS ANALYSIS AND QUERY FUNCTIONS:** Buffer, Query builder, Identify, Spatial selection by various shapes, Show Results, Save table, Convert selected set to shapefile and download, Clear Selection, Run stored query, Geocode, Measure, Hotlink

**GRAPHICS AND ANNOTATION TOOLS:** Draw Point, Line, Polygon, Ellipse, Rectangle, Text, Select graphics, Edit symbology for graphics, Use graphic in spatial query, Zoom to graphic, Buffer graphic

**LEGEND TOOLS AND METADATA:** Re-order themes, Alter theme representations, Label attributes, Select by graphic, Alter graphic representations, Metadata links

**GIS OUTPUT OPTIONS – PRINT, SAVE, DOWNLOAD:** Print custom map, Save map image, ‘Clip and ship’ vector data download, georeferenced image download

**ON-LINE HELP:** Complete on-line help file documentation is included. Help files are simple HTML documents that are easy to modify and expand.

### **What about support? What about custom application development?**

Technical support consulting is available on an hourly rate basis from Telemorphic Inc. Telemorphic may also be contracted to develop custom functionality and applications. Contact Telemorphic Customer Service for current rates.

### **Who is Telemorphic, Inc.?**

Telemorphic, Inc. (Berkeley, CA), a leading innovator in Web-based mapping products and services, leverages rapidly converging communications and computing technologies (C3T) to improve functionality, reduce costs and add value for customers. The Company’s core domain expertise in Remote Sensing and Geographic Information Systems (RS/GIS) applications, as well as Internet GIS application development, provided the foundation to develop cutting-edge Web mapping products that provide seamless integration of image processing and visualization tools with enhanced Internet GIS technologies. In addition to their own Java-based Maplicity™ products, Telemorphic is an authorized Developer and Reseller of ESRI’s ArcIMS Internet GIS software (ESRI Business Partner). Telemorphic is also developing enhanced mobile products and services through the integration of wireless telecommunications, the Internet, mobile devices, GPS, GIS, satellite imagery, and other digital map information.

### **For additional information, contact Customer Service at Telemorphic, Inc:**

**Telemorphic, Inc.**  
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<sup>1</sup>current as of 10/30/03 - subject to change without notice at the sole discretion of Telemorphic, Inc.  
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